

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations 1.5b(a).

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. I acknowledge the duty to disclose material information as denied in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Serial No. 60/006,852, filed 11/16/95; Serial No. 60/006,853, filed 11/16/95;

Serial No. 60/012,764, filed 3/4/96; Serial No. 60/012,800, filed 3/4/96; and Serial No. 60/014,005, filed 3/25/96

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**TITLE OF INVENTION:**

**POLYOL-BASED METHOD FOR FORMING THIN  
FILM AEROGELS ON SEMICONDUCTOR SUBSTRATES**

**POWER OF ATTORNEY:** I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

Richard L. Donaldson, #25,673; Jay M. Cantor, #19,906; Christopher L. Maginniss, #30,288;  
William Kempler, #28,228; and James Harris, #40,013

**SEND CORRESPONDENCE TO:**

Christopher L. Maginniss  
Texas Instruments Incorporated  
P.O. Box 655474, MS 219  
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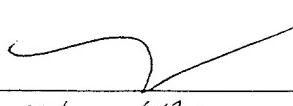
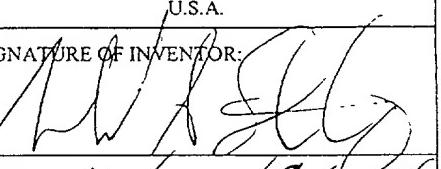
**DIRECT TELEPHONE CALLS TO:**

Christopher L. Maginniss  
(972) 995-1377

<b>NAME OF INVENTOR:</b>	(1)	<b>NAME OF INVENTOR:</b>	(2)	<b>NAME OF INVENTOR:</b>	(3)
Douglas M. Smith		William C. Ackerman		Richard A. Stoltz	

<b>RESIDENCE &amp; POST OFFICE ADDRESS:</b>	1412 Marquette Place, NE Albuquerque, New Mexico 87106	RESIDENCE & POST OFFICE ADDRESS.	4809 Choctaw Trail, NW Albuquerque, New Mexico 87106	RESIDENCE & POST OFFICE ADDRESS	3321 Swanson Drive Plano, Texas 75025
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<b>COUNTRY OF CITIZENSHIP:</b>	U.S.A.	<b>COUNTRY OF CITIZENSHIP.</b>	U.S.A.	<b>COUNTRY OF CITIZENSHIP:</b>	U.S.A.
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<b>SIGNATURE OF INVENTOR:</b>	SIGNATURE OF INVENTOR.	SIGNATURE OF INVENTOR:
	William C. Ackerman	
DATE: 11/12/96	DATE: 11/12/96	DATE: 10/31/96

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NAME OF INVENTOR:  Douglas M. Smith	NAME OF INVENTOR  William C. Ackerman	NAME OF INVENTOR:  Richard A. Stoltz	(3)
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COUNTRY OF CITIZENSHIP:  U.S.A.	COUNTRY OF CITIZENSHIP.  U.S.A.	COUNTRY OF CITIZENSHIP:  U.S.A.	
SIGNATURE OF INVENTOR:  	SIGNATURE OF INVENTOR.  William C. Ackerman	SIGNATURE OF INVENTOR:  	
DATE: 11/12/96	DATE: 11/12/96	DATE: 10/31/96	1996/12/01